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## CENTRAL INTELLIGENCE AGENCY

## INFORMATION REPORT

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SECURITY INFORMATION

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1. Two ships of the M.S. 820 dwt. type built at the Gdynia shipyard were delivered to the Soviets in July 1953. They were named M.S. FORT SZEWCZENKO and S.S. BIELOGORSK. They were tested and accepted by officers of the Soviet Navy and then departed for Kaliningrad (Koenigsberg) to a branch of the Soviet Navy Base in Tallin. A total of 19 of this type of ship is to be built for the USSR. There is still a delay in delivery of diesel engines from Hungary for this type of vessel. Polish authorities are anxious to order suitable engines from Fiat in Turin. In September 1953 an order for ten engines was placed with Fiat; five of them were for short term delivery. The engines were to be: 700 HP, four cylindered, two-stroke, single-acting and capable of 240 revolutions per minute.
2. Most of the torpedo boats in the Polish Navy are not in operating condition because of a lack of spare parts for their American origin, General Motors diesel engines.
3. A total of 25 Lentz type engines were built at Huta Zgoda by 1 August 1953. Two more are scheduled for completion by the end of 1953. The production of steam engines for the ship industry now being done at the Huta Zgoda will eventually be transferred to the Elblag Factory of Ship Equipment (formerly the Elblag Shipyard).
4. One steam engine of the Christiansen type was made at an Elblag (Elbing) factory in 1950 to 1951. It had several defects and the engine plans were sent to the Huta Zgoda plant for correction.
5. Drawings of a steam engine of the Fridrikstadt type are not yet completed. They are still under consideration at the Central Designing Office of the Machine Industry in Bytom (Beuthen).
6. The production of Curtis-Parsons system steam turbines of 50,000 kw. in two trunks, according to Soviet design will soon be started at the Huta Zgoda plant.

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All the technical documentation has already been delivered from the USSR and is now under study at the Central Designing Office of the Machine Industry in Bytom.

7. The production of water turbines of Soviet design is being planned in Poland on a large scale. The total power of water turbines to be manufactured and installed in Poland in the ten year period from 1953 to 1963 will represent 1,500,000 kw. of electric energy at the end of this time. This will be almost equal to the total 1953 electric power output of all the thermal power stations. The technical documentation of the water turbines to be built has not yet been delivered from the USSR. When it does arrive it will be sent to the Central Designing Office of the Machine Industry in Bytom.

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